

Locomotive Fireman's Device Saves Railroads \$100,000,000

Veteran Coal Heaver Finds Boiler Secret After 40 Years' Experimenting. Invention Spells New Era in National Transportation Efficiency.

LOS ANGELES, Cal., June 19.—An old time railway fireman here has just done his bit toward industrial progress by perfecting a device which will reduce the national locomotive boiler repair bill by \$55,000,000 annually.

His name is Charles S. Coleman. He was firing as far back as 1869 when Atlantic and Pacific were welded by rail, and when buffalo used to block the teakettle engines on the plains.

His invention is a new "flue-point" to strengthen leaky flues, hitherto the weakest link in locomotive construction.

W. F. Charlton, general boiler inspector of the S. P. L. A. and Salt Lake R. R. Co., says the Coleman flue-point will save approximately \$1,000 flue maintenance on every one of the 60,000 locomotives in use in this country today.

Tight flues will make possible methods for lessening fuel consumption and the saving of time now lost in repair shops. This will bring the annual saving to the roads well up to \$100,000,000 a year.

Backed by Finley Shephard, vice president of the Missouri Pacific, and by Supt. of Machinery Purcell of the Santa Fe, Coleman put his invention under test in the Santa Fe shops at Albuquerque about the time the railroad brotherhoods got their \$50,000,000 wage increase.

Coleman's saving to the railroads doubles this figure. The Southern Pacific and the Pennsylvania lines are soon to try out the device officially.

When the old-timer with the new idea heard that Shephard, once an "overalls man" himself, was in Pasadena about a year ago, he took his



CHARLES S. COLEMAN.

plan before him personally by running past hotel block signals and around secretarial curves of a tape with a speed that made the drivers not.

"I knew he was where he could give me a flue-point a chance," said Coleman, "and I knew he used to be 'one of the boys' and had sense."

Coleman's device, the secret of which lies in the increased thickness of the flue-point and in the tapering hole, will not only help the fellows of his brotherhood, battling to keep up steam enough to pull a load of "heavy" but, by greatly increasing transportation efficiency, will help win the war as well.

WORTHINGTON.

Visitors Here on Sunday

Mr. and Mrs. S. E. Burnett and son, Ernest, and daughter, Adda, were visiting Mrs. Burnett's brother, Finley Oakes, on Sunday.

Box Supper a Success

The box supper given by Troop No. 1 of Worthington, Boy Scouts of America, held on Saturday evening was a financial success a good sum being realized for the purchase of equipment. The Worthington band furnished the music.

Sunday School Picnic

The Sunday school of the Christian church is arranging for a picnic to be held on the Fourth of July. The place has not been selected yet but will be announced later.

Back to Worthington

John E. Gillingham who removed to Carolina several months ago has returned to Worthington, and is located in the Minnear building.

Exceeded the Allotment

Worthington's allotment of the Liberty Loan bonds was exceeded by several thousand dollars. The First National bank of Worthington received subscriptions for something over \$22,000. The Boy Scouts assisted in the work.

PERSONALS

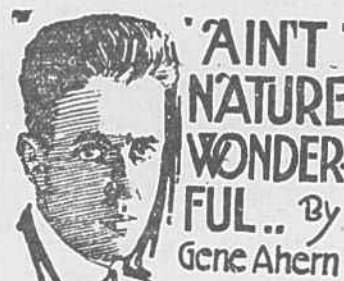
Mr. and Mrs. O. H. Jenkins and sons, Clyde and Harold, of Morgantown, were week-end visitors with Mrs. Jenkins' mother, Mrs. Mary M. Martin.

Mrs. Russell Anglin, of Denbo, Pa., was visiting relatives here on Saturday.

Mr. and Mrs. Joseph Ammons and children, of Mannington, are visiting Mrs. Ammons' parents, Mr. and Mrs. J. C. Jacobs, here this week.

Miss Olive Morgan was a week-end visitor with her father, Festus Morgan, at Fairmont.

Rev. Asa B. Stickley, of Holliday's Cove, preached in the Christian church



Did You Know?

Learn something every day.

It must be tough on these city sparrows with a headache, every time they hop in the air for a few feet, then land in their sudden sparrow-like jolts.

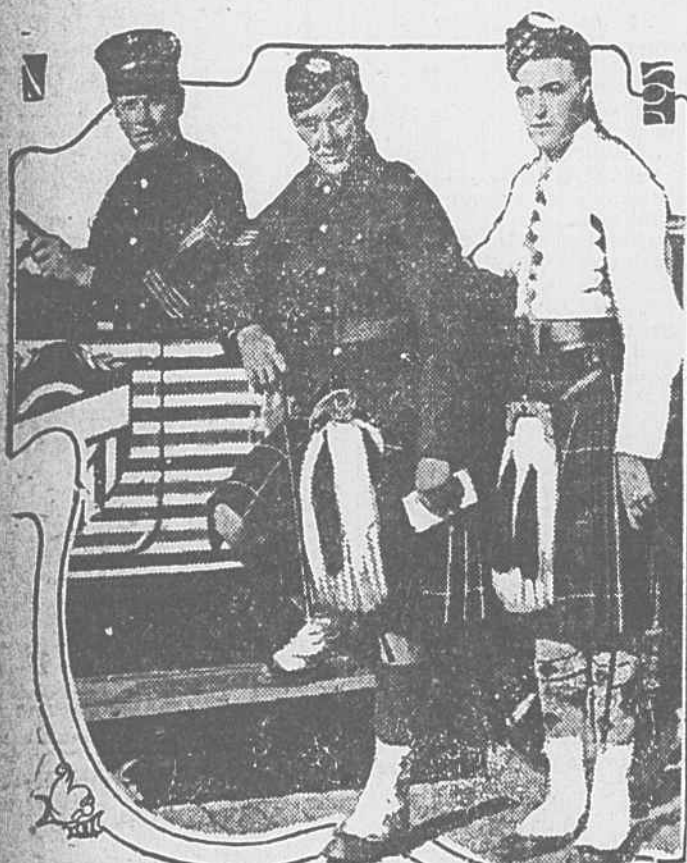
Also while in swimming never stop to argue with a whale or give him a rude push in the face unless, of course, you have a good head start of two or three miles.

Minneapolis marvel has invented a contrivance for juggling ripe olives and measuring the curves. Experts who have seen it say the contrivance eliminates the old custom of juggling by steam and measuring by mirror.

By turning a piano around backwards the music will come forth right-handed.

Care should be taken when handling

ALLIED RECRUITING SERGEANTS CO-OPERATE IN DRIVE FOR MEN



Recruiting forces for Great Britain and the United States are "catching" men coming and going up and down the Pacific Coast these days.

In San Francisco, where agents for the British army are doing good work, the boys in kilts from Canada are co-operating in the chummiest sort of fashion with the recruit sergeants for Uncle Sam.

The picture above shows, left to right, Sergeant H. Hornbostel, of the U. S. Marine, Sergeant Colin Arm-

strong and Corporal Glen Martin, of the 72d Seaford Highlanders. The two "Allies" are from Canada and are sending up numbers of men weekly to Vancouver for British army service.

The hearty co-operation of the allied recruiters is one of the war time features in the west. The "lads from up north" and the "boys of the U. S." are going hand in hand in their drive for more men. If the Americans run across a man of British birth available for war duty he is turned over to the Canadians, who reserve the courtesy.

railroad track sections not to twist them as per Jacobian, furniture as it decreases its strength about 68 per cent.

Sponges in Australian Seas. Sponges are known to be very abundant in the Australian seas, especially is this the case with the horny or highest form of sponges.

Faults. "Everybody has faults," said Uncle Eben. "De principle difference in folks is whether dey's sorry for 'em or proud of 'em."

Best Monument. The best monument that a child can raise to his mother's memory is that of a clean, upright life as she would have rejoiced to see her son live.

A Worth-While Man. "It is worth a thousand pounds a year to have the habit of looking on the bright side of things."—Samuel Johnson.

ANNOUNCEMENT

The accompanying ADVERTISEMENT and PLAN for the sale of the stock described was prepared prior to the announcement of the **LIBERTY BOND LOAN** and its PUBLICATION, as well as the MAILING of the PROSPECTUSES, has been WITHHELD pending the success of said LIBERTY LOAN

Now that the GOVERNMENT'S PLANS are assured we believe the WELFARE of the COUNTRY can best be conserved by fulfilling the slogan

"BUSINESS AS USUAL"

THEREFORE—We Offer for Sale, and RECOMMEND as a SAFE, SEASONED, CONSERVATIVE and UNUSUALLY PROFITABLE INVESTMENT

\$1,000,000.00

SEVEN (7) PER CENT., CUMULATIVE, PARTICIPATING, PREFERRED STOCK (Full Paid and Non-Assessable)

—OF—

FREDERICK INVESTMENT COMPANY

(W. F. FREDERICK, PRESIDENT)

COLUMBIA BANK BUILDING, FOURTH AVENUE AND WOOD STREET, PITTSBURGH, PENNSYLVANIA

The Preferred Stock (PAR VALUE \$100 PER SHARE) is CUMULATIVE and is Preferred both as to ASSETS and DIVIDENDS. It is redeemable at the option of the Company, after January 1, 1922, at \$110 and accrued dividends.

THE PREFERRED STOCK ALSO IS ENTITLED TO PARTICIPATE WITH THE COMMON STOCK IN EXTRA DIVIDENDS. All certificates are countersigned and registered by the Fidelity Title & Trust Co., Pittsburgh, Pa.

WE RECOMMEND this stock as a SAFE and SEASONED INVESTMENT, because the major part of the business from which its income is derived has been in successful and continuous operation for more than THIRTY-SIX YEARS.

PROPERTIES ACQUIRED

The COMPANY has acquired and holds in its Treasury, the certificates therefor being registered in its name by the Fidelity Title & Trust Co., of Pittsburgh, Pa., the ENTIRE authorized capital stocks, both preferred and common, aggregating \$1,175,000 par value, of the following corporations:

W. F. FREDERICK PIANO COMPANY, Pittsburgh, Pa.; W. F. Frederick, President
DAVIS, BURKHAM & TYLER COMPANY, Wheeling, W. Va.

MANAGEMENT AND BASIS OF PURCHASE

The management of these companies will continue as heretofore, their stockholders having exchanged their stock at its ACTUAL NET WORTH for the \$1,000,000 par value COMMON stock of the Frederick Investment Company at its ACTUAL book value of approximately \$1,000,000.

GENERAL OFFICES AND EQUIPMENT

The general offices of these companies are in the First National Bank building, Uniontown, Pa. The Davis, Burkham & Tyler Company owns a handsome five-story brick structure at 1416-1418 Market street, Wheeling, W. Va., the market value of which is in excess of \$30,000.00. The value of furniture, fixtures, trucks, etc., is placed at \$68,979.82 for the combined properties. The general equipment of both is first-class in every respect and affords the most efficient operation. Rental leases of all stores are for satisfactory periods and on very advantageous terms. Adequate insurance is carried on all property, equipment and merchandise.

CAPITALIZATION OF FREDERICK INVESTMENT COMPANY

	Authorized	For Sale	Issued in Treasury
Preferred Stock, 7% Cumulative.....	1,000,000	\$1,000,000	\$1,000,000
Common Stock.....	1,000,000	1,000,000	1,000,000
BONDS, NOTES, MORTGAGES.....	NONE	NONE	NONE

EARNINGS

A statement taken from the books and summarized, which shows the combined sales, depreciation, cost of merchandise and expense, and net earnings, of the subsidiary companies for the fiscal year ending March 31, 1917, and for eight years from April 1, 1909, to April 1, 1917, with yearly averages, follows:—

	Fiscal Year	Eight Years	Yearly Average
Sales.....	\$1,783,590.94	\$14,783,590.94	\$1,847,948.75
Less Depreciation.....	1,031,928.99	10,319,289.99	1,289,911.25
	\$1,751,661.95	\$14,461,601.95	\$1,717,937.50
Cost of Merchandise & Expense.....	\$1,201,967.86	\$12,201,967.86	\$1,525,245.97
	\$549,694.09	\$549,633.09	\$68,691.53
Net Earnings.....	\$1,183,264.26	\$11,832,642.26	\$1,488,691.53
DEDUCT 7% THIS ISSUE PREFERRED.....	70,000.00	700,000.00	87,500.00
	\$1,113,264.26	\$11,132,642.26	\$1,401,191.53
Surplus or Net Profits.....	\$1,113,264.26	\$11,132,642.26	\$1,401,191.53

These figures show the NET EARNINGS applicable to dividends on the preferred stock now offered for sale to be more than TWICE the amount required.

INDIVIDUAL OPERATIONS OF THE SUBSIDIARY COMPANIES

The individual operations of the Subsidiary Companies are shown, as follows: Statement of W. F. Frederick Piano Company since the opening of the store in Pittsburgh, Pa., in 1901, a period of SIXTEEN YEARS AND THREE MONTHS, and statement of Davis, Burkham & Tyler Company since it began business September 1, 1905, to April 1, 1917, a period of NINE YEARS AND SEVEN MONTHS.

W. F. FREDERICK PIANO COMPANY Sixteen Years, Three Months.		DAVIS, BURKHAM & TYLER COMPANY Nine Years, Seven Months	
Sales.....	\$17,885,302.22	Sales.....	\$2,140,130.83
Less Depreciation.....	1,959,358.28	Less Depreciation.....	275,528.46
	\$15,925,943.94		\$1,864,602.37
Cost of Merchandise & Expense.....	\$14,364,542.49	Cost of Merchandise & Expense.....	\$1,824,947.69
	\$1,561,401.45		\$39,654.68
Net Earnings.....	\$1,361,401.45	Net Earnings.....	\$39,654.68
Interest Paid.....	602,684.71	Interest Paid.....	119,262.13
Surplus or Net Profits.....	\$758,716.74	Surplus or Net Profits.....	\$220,401.60

COMBINED FINANCIAL STATEMENT

A financial statement of the combined companies made from inventory for the year ending March 31, 1917, is as follows:

Cash on hand and in bank.....	\$178,888.88
Bills Receivable, secured by lien on Merchandise.....	\$1,423,789.55
Bills Receivable, sold.....	208,891.99
Accounts Receivable.....	1,220,897.53
Merchandise (factory cost & freight).....	102,128.50
Interest and Insurance (Accrued & Prepaid).....	497,634.94
Treasury Stock.....	80,628.83
Furniture, Fixtures, Delivery Equipment.....	19,780.61
Equity in Real Estate.....	66,979.82
Expense Credits.....	81,800.00
	6,940.19
	154,579.50
TOTAL.....	\$2,151,629.72

LIABILITIES	
Accounts Payable (current).....	\$143,288.85
Notes Payable.....	1,027,028.99
	1,170,317.84
PRESENT NET WORTH.....	\$981,311.88

CAPITAL STOCK	
W. F. Frederick Piano Co., preferred.....	\$75,000.00
W. F. Frederick Piano Co., common.....	450,000.00
Davis, Burkham & Tyler Co., common.....	50,000.00
TOTAL.....	\$1,175,000.00
Less W. F. Frederick Piano Co., common.....	450,000.00
	\$725,000.00
Undivided profits.....	256,311.88
	\$981,311.88

ORIGIN OF BUSINESS

In 1881, Mr. W. F. Frederick, with less than One Thousand Dollars in money, began business as a dealer in Organs and Pianos at Meyersdale, Pa. Ten years later, in 1891, he opened a music store in Uniontown, Pa. Another ten years passed and in 1901 he began business in Pittsburgh, Pa. March 31, 1909, he moved into his present quarters, 625-637

TERMS OF SALE—WE OFFER THE PREFERRED STOCK DESCRIBED IN THE FOREGOING AT \$100 PER SHARE. Subscriptions may be sent by mail, or delivered in person, to the undersigned. The right is reserved to reject any and all applications, and also, in any event, to award a smaller amount than applied for. Payment may be in full or in part, by cash, draft, check, money order or express order. If less than the full amount be paid applications must be accompanied by \$25.00 for each share applied for, and the balance will be due and payable upon notice of the number of shares awarded the applicant. If no allotment is made, the first payment will be repaid in full, and if only a portion of the amount applied for be allotted, the first payment will be applied towards the balance of the amount due. Failure to pay the second installment when due will render the previous payment liable to forfeiture. Receipts for all payments will be given pending the delivery of the definitive certificates.

The statistics, statements, conclusions drawn, and quoted remarks, contained in this advertisement are taken or deduced from a letter of Mr. W. F. Frederick (original of which may be seen upon application), and we believe same to be TRUE, RELIABLE and CORRECT in all essential details.

FREDERICK INVESTMENT COMPANY

ALEXANDER C. THOMPSON, Manager,

805-506 Columbia Bank Building, Fourth Ave. and Wood St., Pittsburgh, Pa.
Bell Phone: Court 2293.

APPLICATIONS FOR THE ABOVE STOCK WILL ALSO BE RECEIVED BY THE FOLLOWING:

PRESTON, WATT & SCHOYER
Union Bank Building
Pittsburgh, Pa.

CITIZENS TITLE & TRUST COMPANY
West Main Street
Uniontown, Pa.

SECOND NATIONAL BANK
West Main Street
Uniontown, Pa.

Anyone desiring to do so, may deliver their subscriptions to, or make inquiries of any of the STORES or AGENCIES, wherever most convenient of
W. F. FREDERICK PIANO COMPANY
and
DAVIS BURKHAM & TYLER COMPANY
and SUBSCRIPTIONS will be received and INQUIRIES gladly answered.